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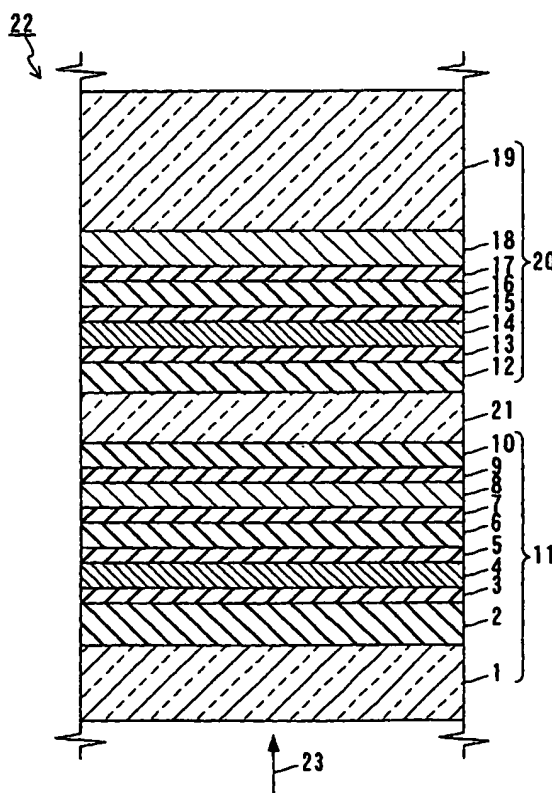
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(54) **Information recording medium and method for producing the same, and method for recording/reproducing information thereon**

(57) An information recording medium includes a first information layer 11 and a second information layer 20. The first information layer 11 includes a first recording layer 4 in which a reversible phase change is caused between a crystalline phase and an amorphous phase by irradiation of a laser beam or application of current. The second information layer 20 includes a second recording layer 14 in which a reversible phase change is caused between a crystalline phase and an amorphous phase by the irradiation of the laser beam or the application of the current. The first recording layer 4 is made of a first material, the second recording layer 14 is made of a second material, and the first material is different from the second material.



**Fig. 1**



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# EUROPEAN SEARCH REPORT

Application Number  
EP 01 30 7419

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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X	EP 0 810 590 A (IBM) 3 December 1997 (1997-12-03)  * claims 1,2,10,11; figure 5 * * page 6, lines 2-14 * * page 7, lines 3-18 * * page 8, lines 45-51 * -----	1,2, 7-10,12, 14,19, 20,23	
E	EP 1 208 565 B (KONINKL PHILIPS ELECTRONICS NV) 12 November 2003 (2003-11-12) * paragraphs [0034] - [0043]; claim 1; figure 1 * -----	1-3, 7-11,23, 29	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G11B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
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<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone  Y : particularly relevant if combined with another document of the same category  A : technological background  O : non-written disclosure  P : intermediate document</p> <p>T : theory or principle underlying the invention  E : earlier patent document, but published on, or after the filing date  D : document cited in the application  L : document cited for other reasons  &amp; : member of the same patent family, corresponding document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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